

Date: Sat, 2 Oct 93 12:46:02 PDT  
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>  
Errors-To: Info-Hams-Errors@UCSD.Edu  
Reply-To: Info-Hams@UCSD.Edu  
Precedence: Bulk  
Subject: Info-Hams Digest V93 #1167  
To: Info-Hams

Info-Hams Digest                      Sat, 2 Oct 93                      Volume 93 : Issue 1167

Today's Topics:

    Distress signals (was Re: first sos in history)  
        LOWFER activity  
Newbie seeks HT guru for advice on first dual band purchase!  
    New HF Rig  
        radio 4 LW and the hulahoop (2 msgs)  
        SCA - Subcarrier on FM Broadcast  
        Scan frequency step range?  
        scanner FAQ ? (2 msgs)  
        testing  
US License Examinations Scheduled 10/01/93 to 1/03/94  
    walkman - radio transmitter  
    When is Dayton??

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>  
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>  
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available  
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text  
herein consists of personal comments and does not represent the official  
policies or positions of any party. Your mileage may vary. So there.  
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Date: Fri, 1 Oct 1993 12:25:24 GMT  
From: olivea!sgigate!odin!chuck.dallas.sgi.com!adams@uunet.uu.net  
Subject: Distress signals (was Re: first sos in history)  
To: info-hams@ucsd.edu

In article <POPOVICH.93Sep30221638@prince.cs.columbia.edu>,  
popovich@cs.columbia.edu (Steve Popovich) writes:  
|> I remember reading somewhere that CQD ("CQ Distress"? "Come Quick,  
|> Danger"?) was indeed an old distress call, perhaps the oldest radio  
|> distress signal. I don't remember the source, but I think it said  
|> that the Q-signal QRR was also used as a distress signal (after CQD?),

|> and that QRRR was also used (later?). Then after all of those, SOS  
|> was finally defined as the international standard distress call.  
|> -Steve, WB3I  
|> Well, it WOULD explain that gaping hole between QRQ and QRS...

Steve is correct. QRR is a distress call. Therefore, be careful when  
you send QRL. :-)

chuck k5fo

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Date: 2 Oct 93 15:54:34 GMT  
From: mulvey!rich@uunet.uu.net  
Subject: LOWFER activity  
To: info-hams@ucsd.edu

Is anyone here active on the LOWFER band? I've been reading a bit about  
it, and had some questions on equipment, etc.

- Rich

--  
Rich Mulvey                                      Amateur Radio: N2VDS                                      Rochester, NY  
rich@mulvey.com                                      "Ignorance should be painful."

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Date: Fri, 1 Oct 1993 04:14:54 GMT  
From: swrinde!gatech!usenet.ins.cwru.edu!agate!library.ucla.edu!news.mic.ucla.edu!  
unixg.ubc.ca!nntp.cs.ubc.ca!newsserver.sfu.ca!sfu.ca!tpang@network.ucsd.edu  
Subject: Newbie seeks HT guru for advice on first dual band purchase!  
To: info-hams@ucsd.edu

blake@lonestar.utsa.edu (M Blake Schreckenbach) writes:  
>I just passed my Tech test Sept 2 and would like to operate ASAP. I have  
>narrowed down my list of HT's to the following:

>Alinco    DJ-550T  
>         DJ-580T  
>         Dj-590T (if it exists)

Alinco 590 is a mobile rig.

>Kenwood   TH78a  
>Yaesu     FT-470  
>         FT-530  
>Standard C558A

I just bought the C550, which is the Japanese equivalent of the C558A.

>The features I want are:

>Extended receive (including AM) with good enough sensitivity  
>Full, same-band duplex operation

It doesn't exist because there is no same band duplexer inside. You cannot transmit and receive within close frequencies without a duplexer. The transmit signal will at least mute out what you want to receive, if not burn out the front end.

I do hope it's a typo, because you should know this if you pass the test.

>Extended transmit for CAPS/MARS, Europe, etc.  
>At least 40 channels  
>cross band repeat would be nice

Most do all the rest if you buy newest model.

>I am leaning towards the DJ-550 right now because it is the most discounted  
>dualband HT, but am more than willing to fork over more dough that has at  
>least 4 of the above features.

But it doesn't have some of the features you want: AM receive, e.g.

>73, Blake, prob KD5D?? but still too early to tell!

>--

Bye,  
David

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+-----+
| In real life: David Tse           E-mail: tpang@sfu.ca (Internet)      |
| In amateur radio: VE7MDT         Packet: VE7MDT@VE7UBC.#VANC.BC.CAN.NA |
| Snail Mail: P.O. Box 26052, Richmond B.C., V6Y 2B0, Canada.          |
| Set-up: Amiga 3000/25, MAG MV-14S, AMaxII, ZyXEL 1496E, DeskJet+, HP48SX |
| Disclaimer: Anything here does not represent views of anyone except mine.|
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Date: 2 Oct 93 16:38:02 GMT  
From: news-mail-gateway@ucsd.edu  
Subject: New HF Rig  
To: info-hams@ucsd.edu

>junk just because they are here in America (heck, I drive a Volvo)...

>but I would like us all to look carefully at the Ten Tec offerings.  
>Hard to do, now that our ham radio stores don't carry them.

this assumes that you are near a ham radio store. there aren't all that many storefronts around unless you're in a big city.

most are, but they bear a striking resemblance to telephones. what Ten-Tec is missing out on is coverage in the AES/HRO etc. catalogs where everything is roughly shown. you'd have to work to find the Ten-Tec stuff.

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Date: 2 Oct 93 16:44:11 GMT  
From: news-mail-gateway@ucsd.edu  
Subject: radio 4 LW and the hula hoop  
To: info-hams@ucsd.edu

>I'd like to know how the hoopyloop (hula hoop) 198 Khz aerial works.  
>Anybody feel up to the job?  
>Mark.

Not as well as a full size one....

(ba-dum-bump-crash) 8)

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Date: 1 Oct 93 21:55:07 GMT  
From: ogicse!mbsun.mlb.org!yyz!115-119!Mark.Burton@network.ucsd.edu  
Subject: radio 4 LW and the hula hoop  
To: info-hams@ucsd.edu

I'd like to know how the hoopyloop (hula hoop)  
198 Khz aerial works.

Anybody feel up to the job?

Mark.

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\* Origin: The Chicago Internet Gateway [CHIGATE.MCS.COM] (1:115/119.0)  
SEEN-BY: 115/747 2200/3 2112  
@PATH: 115/999 119 747 2200/2112

47 2200/2112

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Date: 2 Oct 93 08:47:23 GMT  
From: digex.net!digex.net!not-for-mail@uunet.uu.net  
Subject: SCA - Subcarrier on FM Broadcast  
To: info-hams@ucsd.edu

I just assembled the Ramsey SCA decoder kit and it does not work. I have checked the wiring twice and another person has checked it too. When connected to my FM tuner (old Heathkit with multiplex output) almost nothing is heard. What is heard sounds like squealing but is very very faint even with my stereo volume control turned way up. When the regular audio out of the tuner is connected to my stereo all is normal. I checked the waveform at the test point and it is triangular instead of square. When the mux output is connected to the stereo it sounds just like the regular audio output. I have an audio oscillator and tuned it to 67 khz at 1 volt rms and connected it to the SCA input. There is a 0.01 uf cap in series with the input and the bandpass filter which follows (it filters out all signals below 20 khz or so I think). Almost no voltage is visible on the other side of the 0.01 uf cap when viewed on my scope. Maybe the cap is defective. I checked it with an ohm meter it reads open as it should. Has anyone else built this kit and gotten it to work.

--  
John Cormack, N3PZY                   \*\* Since this is not my employer's account \*\*  
Cormackj@access.digex.net           \*\* No disclaimer is necessary \*\*

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Date: 2 Oct 93 16:12:57 GMT  
From: ogicse!uwm.edu!cs.utexas.edu!math.ohio-state.edu!darwin.sura.net!news.Vanderbilt.Edu!news@network.ucsd.edu  
Subject: Scan frequency step range?  
To: info-hams@ucsd.edu

I have a Realistic HTX-202 (my first radio) and was wondering what the 'standard' is for stepping through the frequencies while scanning? I can step by 5,10,15,20,25,50 or 100 kHz. Is there some kind of rule that dictates what frequencies people will use, or should I just step by 5 to hit them all? When I step by 5 I tend to get a lot of bleed over from other frequencies.

Thanks...Win  
heagyws@ctrvax.vanderbilt.edu

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Date: 30 Sep 93 18:27:20 MDT  
From: swrinde!cs.utexas.edu!utah-morgan!hellgate.utah.edu!cc.usu.edu!NewsWatcher!  
user@network.ucsd.edu  
Subject: scanner FAQ ?  
To: info-hams@ucsd.edu

Is there an FAQ about scanners ?  
or can somebody give me the basics of the terms used in a scanner ?  
including functions and features found in scanner radios.

are radio shack scanners ok ?

please email replies if possible.  
thanks in advance.

jerry

--  
signature file under construction

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Date: 30 Sep 93 23:27:20 GMT  
From: ogicse!mbsun.mlb.org!yyz!115-119!Jerry.Sy@network.ucsd.edu  
Subject: scanner FAQ ?  
To: info-hams@ucsd.edu

Is there an FAQ about scanners ?  
or can somebody give me the basics of the terms used in a scanner ?  
including functions and features found in scanner radios.

are radio shack scanners ok ?

please email replies if possible.  
thanks in advance.

jerry

--  
signature file under construction

---  
\* Origin: The Chicago Internet Gateway [CHIGATE.MCS.COM] (1:115/119.0)  
SEEN-BY: 115/747 2200/3 2112  
@PATH: 115/999 119 747 2200/2112  
19 747 2200/2112

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Date: 1 Oct 93 04:40:30 GMT  
From: ogicse!mbsun.mlb.org!yyz!115-119!Steve.Schmidt@network.ucsd.edu  
Subject: testing  
To: info-hams@ucsd.edu

testing  
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Date: Thu, 30 Sep 1993 14:36:54 MDT  
From: sdd.hp.com!math.ohio-state.edu!sol.ctr.columbia.edu!destroyer!  
nntp.cs.ubc.ca!alberta!adec23!ve6mgs!usenet@network.ucsd.edu  
Subject: US License Examinations Scheduled 10/01/93 to 1/03/94  
To: info-hams@ucsd.edu

#### AMATEUR RADIO EXAMINATION OPPORTUNITIES

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Special Note: Amateur Radio licenses usually arrive between 8 and 10 weeks after the test session. The FCC considers their processing time to be 90 days--from the date they receive the application. The FCC usually receives the application one to two weeks after the test session (once the VE Team and the coordinating VEC have completed their processing).

Note: Codeless Technician to Technician w/HF upgraders (who pass a Morse code test) will not receive a new license from the FCC. The existing Technician license plus the CSCE conveying the Morse code test credit is the only documentation issued for use of the additional HF privileges.

\*\*\*\*\*

The following test session information is provided by the ARRL/VEC for the upcoming six to eight week period. For further information, please contact the test session CONTACT PERSON at the telephone number provided. If necessary, you may contact the ARRL/VEC at 203-666-1541 x282 for additional information. Electronic mail may be forwarded to the ARRL/VEC via USENET at "bjahnke@arrl.org" or via MCI Mail to MCI ID: 215-5052.

Although the test session information presented here does not indicate whether walk-ins are accepted or not, most test sessions do allow walk-ins. We encourage you, however, to always contact the CONTACT PERSON at the telephone number provided so that the VE Team is aware that you be attending the test session.

#### STILL NEED TO PREPARE FOR YOUR EXAM?

If you would like information on how to become licensed; or how to locate Amateur Radio clubs, instructors, licensing classes and/or Novice examiners in your area; please contact the ARRL Educational Activities Department (EAD) at 203-666-1541 x219. The EAD can also provide information on recommended study materials. Electronic mail may be forwarded to the ARRL EAD via USENET at "rwhite@arrl.org" or via MCI Mail to MCI ID: 215-5052.

#### EXAM LISTINGS - DEFINITION OF FIELDS

##### STATE

Test Date,VEC,City,,Contact Phone,Contact Person

The SECOND field in the following listing specifies the VEC which is coordinating this examination. This single-character designator denotes the VEC as defined below. An "A" (for example) indicates that this examination is coordinated by the ARRL/VEC.

For further information on any examinations listed, or if you do not find any examinations listed for your area, you may contact any of the coordinating VECs below.

A = ARRL/VEC, 225 Main St, Newington, CT 06111; (d) 203-666-1541  
The 1993 Test Fee is \$5.60.

X = Anchorage ARC, 2628 Turnagain Parkway, Anchorage, AK 99517;  
(d) 907-786-8121, (n) 907-243-2221 (or) 907-276-5121  
(or) 907-274-5546

C = Central Alabama VEC, 1215 Dale Dr SE, Huntsville, AL 35801;  
205-536-3904

N = Charlotte VEC, 227 Bennett Ln, Charlotte, NC 28213;



704-596-2168

D = Great Lakes ARC VEC Inc., PO Box 273, Glenview, IL 60025;  
708-486-8019

E = Golden Empire ARS, PO Box 508, Chico, CA 95927; No phone.

G = Greater Los Angeles ARG, 9737 Noble Ave, Sepulveda, CA 91343;  
818-892-2068, 805-822-1473.

J = Jefferson ARC, PO Box 24368, New Orleans, LA 70184-4368; No phone

K = Koolau ARC, 45-529 Nakulua St, Kaneohe, HI 96744;  
808-235-4132

L = Laurel ARC Inc., PO Box 3039, Laurel, MD 20709-0039;  
(d) 301-572-5124, 301-317-7819, (n) 301-588-3924

M = The Milwaukee RAC Inc., 1737 N 116th St, Wauwatosa, WI 53226;  
414-774-6999. Test fee for 1993 is \$5.00.

H = Mountain ARC, PO Box 10, Burlington, WV 26710; 304-289-3576,  
301-724-0674

P = PHD ARA Inc., PO Box 11, Liberty, MO 64068; 816-781-7313

R = Sandarc-VEC, PO Box 2446, La Mesa, CA 91943-2446; 619-465-3926

S = Sunnyvale VEC ARC, PO Box 60307, Sunnyvale, CA 94088-0307;  
408-255-9000

T = Triad Emergency ARC, 3504 Stonehurst Pl, High Point, NC 27265;  
919-841-7576

W = Western Carolinas ARS VEC, 5833 Clinton Hwy - Suite 203,  
Knoxville, TN 37912-2500; 615-688-7771.  
The 1993 Test Fee is \$5.60.

5 = W5YI-VEC, PO Box 565101, Dallas, TX 75356-5101; 817-461-6443  
The 1993 Test Fee is \$5.60.

#### EXAMINATION OPPORTUNITIES OUTSIDE THE UNITED STATES:

##### AMERICAN SOMOA

10/30/93,A,Mapusaga Village,,684-699-2420,Michael Homsany

##### BELGIUM

10/02/93,A,Belgium,,322-6573881 or 322-2968154,Peter Vekinis

ENGLAND

11/06/93,A,Shefford,,0462-812571,Leland Vandervort

GERMANY

10/02/93,A,Germany,,49-0-67253462,Stephen Hutchins, KN6G

10/02/93,A,Germany,,08093-2147,James Parker, N6ZQZ

10/23/93,A,Germany,,06561-18202,George L Hoke

GUAM

12/12/93,A,Adelup,,627-646-7611,Harry Y Taguchi

SAIPAN

10/17/93,A,Saipan,,670-233-8747,Rod dm Cruz

VANUATU

10/10/93,A,Vanuatu,,678-23-836,ATTN Carolyn Evans

10/27/93,A,England,,081-902-5995,Yves a g Remedios

\*EOF

-----  
Date: 1 Oct 93 14:57:01 GMT

From: ogicse!mbsun.mlb.org!yyz!115-119!SCUNNANE@network.ucsd.edu

Subject: walkman - radio transmitter

To: info-hams@ucsd.edu

Can anyone tell me if such a thing exists to allow me to play my walkman on the car radio ? What I'm looking for is something to plug into the headphones socket of the walkman that transmits a radio signal that can be picked up by the car radio ?

Thanks, Shane Cunnane.

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\* Origin: The Chicago Internet Gateway [CHIGATE.MCS.COM] (1:115/119.0)

SEEN-BY: 115/747 2200/3 2112

@PATH: 115/999 119 747 2200/2112

200/2112  
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Date: Sat, 2 Oct 1993 04:44:49 GMT

From: sdd.hp.com!cs.utexas.edu!convex!news.utdallas.edu!feenix.metronet.com!  
marcbg@network.ucsd.edu

Subject: When is Dayton??  
To: info-hams@ucsd.edu

Does anyone know the dates for Dayton in '94??

--

/ Marc Grant N5MEI / marcbg@metronet.com /  
/ POB 850472 / marcbg@esy.com /  
/ Richardson, TX 75085 / 214-231-3998 (voice) /  
/ / 214-231-0025 (fax) /

-----  
Date: Fri, 1 Oct 1993 04:32:29 GMT  
From: destroyer!nntp.cs.ubc.ca!newsserver.sfu.ca!sfu.ca!tpang@uunet.uu.net  
To: info-hams@ucsd.edu

References <1993Sep30.000550.226@ra.oc.com>,  
<EMERY.93Sep30142128@bert.cs.byu.edu>, <1993Sep30.223809.13153@pony.Ingres.COM>  
Subject : Re: Kenwood TH-28A

garys@Ingres.COM (Gary Swiger) writes:

>I also just bought a Kenwood, not the TH-28A, but the TH-78A. However, from  
>what I saw of the TH-28A, its quality is far superior than most of the other  
>HT brands (including Yeasu, Icom, etc...) - in my humble opinion. I'm sure you

Do you mean functionality? ergonomics? performances? physical strength?  
esthetic appeal? I found out a lot of people are putting out opinion with  
little substantiation. Just say "I like the tight front end, or I like  
the alphanumeric, etc", you can even say "on all angles, the Kenwood is  
the best". But please give a few more words, thank you.

>could find a better dual band antenna than the one that came with the radio.  
>Even though the TH-78A's antenna has fair gain, with good intermod attenuation, I

Interesting at least I heard someone said the 28A has poor intermod rejection  
(more commonly used than intermod attenuation?). I don't remember any solid  
statistics on the 78A to judge. Generally speaking it is not favourably  
spoken of within the Usenet community. (but so is my Standard dualband anyway.)

>plan to buy a better one with more gain...

>Also, with respect to your Organization: Brigham Young University, I think you  
might be amused by this - I just got my general ticket this Monday and received  
the following call: KE6BYU (seriously!)

>-garys, KE6BYU  
>73...

Somehow I have a deju-vu feeling here, I think I read something like that

before here, someone had a university suffix call, it could even be BYU!  
Or am I crazy :).

Bye,  
David

```
+-----+
| In real life: David Tse          E-mail: tpang@sfu.ca (Internet)      |
| In amateur radio: VE7MDT        Packet: VE7MDT@VE7UBC.#VANC.BC.CAN.NA |
| Snail Mail: P.O. Box 26052, Richmond B.C., V6Y 2B0, Canada.         |
| Set-up: Amiga 3000/25, MAG MV-14S, AMaxII, ZyXEL 1496E, DeskJet+, HP48SX |
| Disclaimer: Anything here does not represent views of anyone except mine.|
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-----  
Date: 30 Sep 93 22:38:09 GMT  
From: rtech!ingres!garys@decwrl.dec.com  
To: info-hams@ucsd.edu

References <38207@suned1.Nswses.Navy.MIL>, <1993Sep30.000550.226@ra.oc.com>,  
<EMERY.93Sep30142128@bert.cs.byu.edu>  
Reply-To : garys@Ingres.COM (Gary Swiger)  
Subject : Re: Kenwood TH-28A

In article <EMERY.93Sep30142128@bert.cs.byu.edu>, emery@bert.cs.byu.edu (Emery Weber) writes:

```
>From: emery@bert.cs.byu.edu (Emery Weber)
>Subject: Re: Kenwood TH-28A
>Date: Thu, 30 Sep 93 13:21:27 PDT
>Organization: Brigham Young University
>
>On Thu, 30 Sep 1993 00:05:50 GMT, gumaer@merlin.etsu.edu (Mark W. Gumaer) said:
>
>K Scott Sampson,x9344,4V12 (kss@spc2ed0.nswses.navy.mil) wrote:
>
>>I just bought a TH-28A for my wife and am interested in comments
>>about this radio. I should have asked before but took the chance.
>>Appears most comments are on the 78. :-(
>
>I also just bought a TH-28A. It seems like a good radio but the antenna is
>lousy, actually, it seems to be a lot worse than other stock 2 meter antennas
>that I have used. I realize that it is a dual-band antenna and that may
>account for the difference. Anyway, it was disappointing to me. I also wish
>it had a back-lit keypad.
>
>Emery
```

I also just bought a Kenwood, not the TH-28A, but the TH-78A. However, from

what I saw of the TH-28A, it quality is far superior than most of the other HT brands (including Yeasu, Icom, etc...) - in my humble opinion. I'm sure you could find a better dual band antenna than the one that came with the radio. Even though the TH-78A's antenna has fair gain, with good intermod attenuation, I plan to buy a better one with more gain...

Also, with respect to your Organization: Brigham Young University, I think you might be amused by this - I just got my general ticket this Monday and received the following call: KE6BYU (seriously!)

-garys, KE6BYU

73...

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Date: Fri, 1 Oct 1993 05:58:54 GMT  
From: amd!amdahl!netcomsv!netcom.com!jfh@decwrl.dec.com  
To: info-hams@ucsd.edu

References <pineappCE4G2t.F4K@netcom.com>, <CE6DLI.3J8@cbnewsm.cb.att.com>, <CE6tK3.39H@odin.corp.sgi.com>  
Subject : Re: Best way to learn code?

adams@chuck.dallas.sgi.com (Charles Adams) wrote:

>just remember what Abe Lincoln said - "Few will remember what  
>is said and done here today."

Heh heh. Well, \*you\* certainly didn't.

--

-----  
Jack Hamilton                      POB 281107 SF CA 94128 USA  
jfh@netcom.com                    kd6ttl@w6pw.#nocal.ca.us.na

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End of Info-Hams Digest V93 #1167  
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